

# Type 1 Facility Closeout Report

DWF-077-05  
Page 1 of 9

## Section A. Facility Data

Facility No.	707C, D, and E Trailers and 701
Facility Descriptor:	Officer Trailers and storage shed (701)
Project:	RISS
Date of Demolition:	July 7, 2005
Additional Information:	701 was a storage shed that was released using a WRE (attached).
<i>(Must include information on environmental releases and conditions of site at turnover to Environmental Restoration)</i>	

## Section B. Final Characterization Data

### Reconnaissance Level Characterization Report *(concurrence received)*

Reconnaissance Level Characterization Report for T707E – Concurrence, Steven H. Gunderson to Joseph A. Legare, dated May 19, 2005; Reconnaissance Level Characterization Report for T707C – Concurrence, Steven H. Gunderson to Joseph A. Legare, dated April 18, 2005; Reconnaissance Level Characterization Report for T707D – Concurrence, Steven H. Gunderson to Joseph A. Legare, covered in approval of the 771 DOP.

In-process Characterization	NA
Pre-Demolition Survey Report <i>(approval received)</i>	NA
Post-Demolition Survey Report <i>(as necessary)</i>	NA

## Section C. Waste Data *(complete categories as appropriate)*

### Sanitary Disposal

Disposal Site:	BFI Foothills 93 Landfill, Golden, CO
Waste Volume (m <sup>3</sup> ):	2125.46
Waste Weight (tons):	699.26
Additional Information:	Miscellaneous trash

### Hazardous Disposal

Disposal Site:	Kettleman Hills Facility, Kettleman City, CA or Bethlehem Apparatus Co, Hellertown, PA
Waste Volume (m <sup>3</sup> ):	Minor amounts
Additional Information:	Electronic circuit boards, thermostats, exit signs, batteries, fluorescent light bulbs and any other RCRA hazardous components were removed and taken to the RFCA temporary unit for combination with like waste streams for disposal.

### Asbestos Waste Disposal

Disposal Site:	
Waste Volume (m <sup>3</sup> ):	
Additional Information:	

### Low-Level Waste Disposal

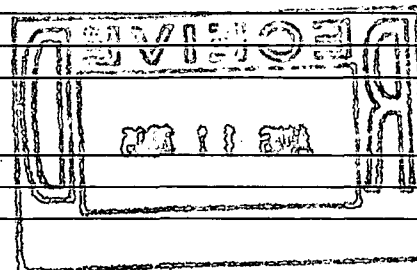
Disposal Site:	
Waste Volume (m <sup>3</sup> ):	
Additional Information:	

### Low-Level Mixed Waste Disposal

Disposal Site:	
Waste Volume (m <sup>3</sup> ):	
Additional Information:	

### Property Disposition

Receiver Locations <i>(major items only)</i> :	
Volume (m <sup>3</sup> ):	
Weight (tons):	
Additional Information:	



ADMIN RECORD

IA-A-002794

1/8

## Type 1 Facility Closeout Report

### Section D. Approvals

Kaiser-Hill Project Manager

Name/Signature

J. M. Swann

Date

8.8.05

### Additional Information

Trailer 707C was a 1,960 square-foot office trailer, which was formally T111A. This was historically an office trailer in support of either B111 or later supported B707/776 operations. The trailer had aluminum siding and skirting. The entrances had wooden stairs leading to wooden enclosures. The trailer had the following utilities: electric and phone lines.

Trailer 707D was originally T771K, free-released by the 771 Project and moved to 707 and renamed T707D. The trailer was 1,960 square-foot office trailer. The trailer had aluminum siding and skirting. The entrances had wooden stairs leading to wooden enclosures. The trailer had the following utilities: electric and phone lines. Before demolition confirmatory surveys were done to demonstrate the trailer still met the free release criteria.

Trailer 707E was a 520 square-foot office trailer, which was formally T442A. This was historically an office trailer and supply trailer in support of either B442 (filter and janitorial crews) or later supported B707/776 operations. The trailer had aluminum siding and skirting. The entrances had wooden stairs leading to wooden enclosures. The trailer had the following utilities: electric and phone lines.

701 was a storage shed that was released using a Waste Release Evaluation (attached.) This shed had no utilities.

Utilities were all overhead and disconnected as shown on the attached map. All of the building structures were removed to three feet below final grade.



Property



Waste



Sample

## RELEASE EVALUATION FORM

Page 1 of 2

Release Evaluation No.: 050706-T130F-001 EXTENDED: No EXPIRES: N/A Charge No.: BAD707TR  
 PART I SENDER/CUSTODIAN ACKNOWLEDGEMENT

Description of Property/Waste/Sample To Be Released/Transferred: 707 area trailers T701, T707C, T707D, T707E and associated construction debris.

Current Location: Building 707 area.

Destination: Front Range Landfill, 1830 Weld County Road 5, Erie, CO, 80112 or BFI landfill, 88<sup>th</sup> and Tower Road, Commerce City, Colorado or Foothills Landfill, Highway 93, Golden Co.

New Recipient/Custodian: Same as above

History/Process Knowledge: The above listed trailers were support buildings.

Has the specified material ever been in an RBA/CA or contacted DOE controlled radioactive materials? NO

- 1) By signing below, I certify information provided in Part I of this release evaluation to be true and accurate.  
 2) By signing below, I agree to comply with the specific requirements noted in Part II of this release evaluation.

Sender/Custodian: STEVE MAGGI Steve Maggi Emp. No: [REDACTED] Date: 7/6/05 Ext: 5624

## PART II

## RADIOLOGICAL ENGINEERING

## SPECIFIC REQUIREMENTS AND/OR COMMENTS:

The above listed trailers have met all of the requirements for unrestricted release as specified in the RFETS Pre-Demolition Survey Plan for D&D Facilities. A detailed sampling and analysis plan was prepared and conducted to meet the requirements of the aforementioned document, including adequate radiological surveys. All collected radiological data met the Quality Control/Assurance objectives, and all readings were lower than applicable unrestricted release limits. As a result, no further radiological characterization is required prior to unrestricted release.

- 1.) Custodian, ensure that all soil is removed from the collected waste upon demolition, prior to waste disposal. If indicated waste/soil is to remain at the applicable current locations, this statement may be disregarded. This release evaluation does not address the removal of soil from the site. Custodian is responsible for ensuring this requirement is met.
- 2.) Custodian, retain a copy of all documents required by this release evaluation. The sender/custodian will be responsible for ensuring a copy of this release evaluation is available for auditing/due diligence purposes.
- 3.) Radiological Engineer, process release evaluation to indicate an unrestricted free-release. Sign all appropriate documentation required for the disposition of the affected items.

Evaluated: Roger Worrick [Signature] Emp. No: [REDACTED] Date: 7/6/05 Ext: 3357  
 Radiological Engineer

## APPROVAL FOR TRANSFER/SHIPMENT

Approved: Chad Blake [Signature] Emp. No: [REDACTED] Date: 7/7/05 Ext: 5909  
 Radiological Engineer

**PROPERTY/WASTE RELEASE EVALUATION SIGNATURE REQUIREMENTS****Release Evaluation for Waste:**

A Release Evaluation for Waste requires an evaluation and unrestricted release approval signature. The evaluation signature is by the Radiological Engineer (RE) providing the methods or criteria for unrestricted release (i.e., survey requirements, analytical requirements, no survey required, etc.). The unrestricted release approval signature for a Release Evaluation for Waste shall be a RE authorized to provide unrestricted release approval. In addition, the evaluation and unrestricted release approval signatures shall not be the same RE. The intent of this provision is to provide peer review of the evaluation and method of unrestricted release. It is important the RE take the peer review process seriously and not become a "rubber stamp" for their fellow engineer.

**Release Evaluation for Property:**

A Release Evaluation for Property requires an evaluation and unrestricted release approval signature. For a Release Evaluation for Property, the evaluation and unrestricted release signature may be the same RE. In the past, only one signature was required for property for which a RE could provide an unrestricted release on the basis of process knowledge/history.

**Release Evaluation for Samples:**

Samples are any waste or material that is being shipped to an off-site facility for analysis. Samples that may be provided with an unrestricted release using process knowledge/history or standard contamination survey techniques may be authorized for shipment to an off-site facility using the signatory requirements specified for property. Samples which cannot be provided with an unrestricted release using process knowledge/history or standard contamination survey techniques shall be authorized for shipment from the Site using the methodology specified for waste, i.e., second signature being provided by a RE authorized to perform peer review and approval for shipment.

The approval for transfer/shipment section of a Sample Release Evaluation (SRE) shall be revised as noted below for samples which cannot be provide with an unrestricted release.

*"The samples specified in Part 1 of this release evaluation are being provided with authorization for transport as non-radioactive materials in accordance with Department of Transportation (49 CFR) regulation. This authorization for shipment does not constitute an unrestricted release."*

**Additional Documentation:**

Number of lines per section may be modified or additional pages attached to ensure adequate documentation of information necessary to perform release evaluation.

Additional pages or attachments to a release evaluation shall have the evaluation number, Page \_\_\_ of \_\_\_, initials of Radiological Engineer signing approval for transfer/shipment and date.

# ROCKY PLANTS ENVIRONMENTAL TECHNOLOGY SITE

Mfg. <u>Eberline</u>	Mfg. <u>NE Tech</u>	Mfg. <u>N/A</u>
Model <u>SAC-4</u>	Model <u>Electra</u>	Model <u>      </u>
Serial# <u>767</u>	Serial# <u>3552</u>	Serial# <u>      </u>
Cal Due <u>8/30/05</u>	Cal Due <u>12/2/05</u>	Cal Due <u>      </u>
Bkg. <u>0.4cpm</u>	Bkg. <u>2.0cpm</u>	Bkg. <u>      </u>
Efficiency <u>33.0%</u>	Efficiency <u>21.6%</u>	Efficiency <u>      </u>
MDA <u>10dpm</u>	MDA <u>48dpm</u>	MDA <u>N/A</u>

Mfg. <u>N/A</u>	Mfg. <u>N/A</u>	Mfg. <u>N/A</u>
Model <u>      </u>	Model <u>      </u>	Model <u>      </u>
Serial# <u>      </u>	Serial# <u>      </u>	Serial# <u>      </u>
Cal Due <u>      </u>	Cal Due <u>      </u>	Cal Due <u>      </u>
Bkg. <u>      </u>	Bkg. <u>      </u>	Bkg. <u>      </u>
Efficiency <u>      </u>	Efficiency <u>      </u>	Efficiency <u>      </u>
MDA <u>N/A</u>	MDA <u>N/A</u>	MDA <u>N/A</u>

Survey Type: ContaminationBuilding: 707 Trailer ComplexLocation: See MapPurpose: Contamination verificationRWP #: N/ADate: 5/6/05Time: 11:30RCT: R Read

Print name

Signature

RCT: N/A

Print name

/ N/A

Signature

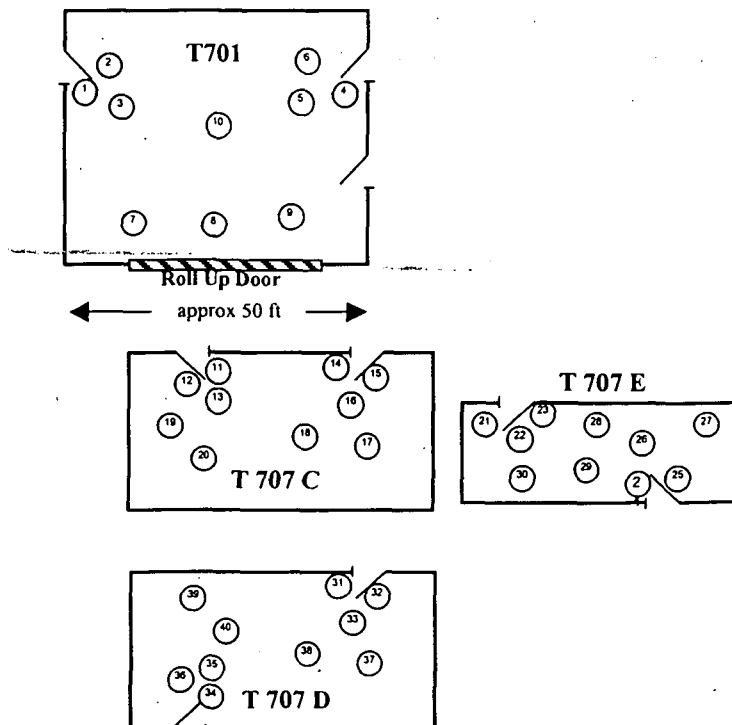
/ N/A

Emp. #

PRN/REN #: N/AComments: Nuclide of concern is Pu. Survey points emphasized entryways and walkways.

## SURVEY RESULTS

Swipe Loc#	Location/Description Results in dpm/100cm	Removable $\alpha$	Direct $\alpha$
1	See Map	<10	<48
2		<10	<48
3		<10	<48
4		<10	<48
5		<10	<48
6		<10	<48
7		<10	<48
8		<10	<48
9		<10	<48
10		<10	<48
11		<10	<48
12		<10	<48
13		<10	<48
14		<10	<48
15		<10	<48
16		<10	<48
17		<10	<48
18		<10	<48
19		<10	<48
20	See Map	<10	<48

Date Reviewed: 7/6/05

Print Name

Signature

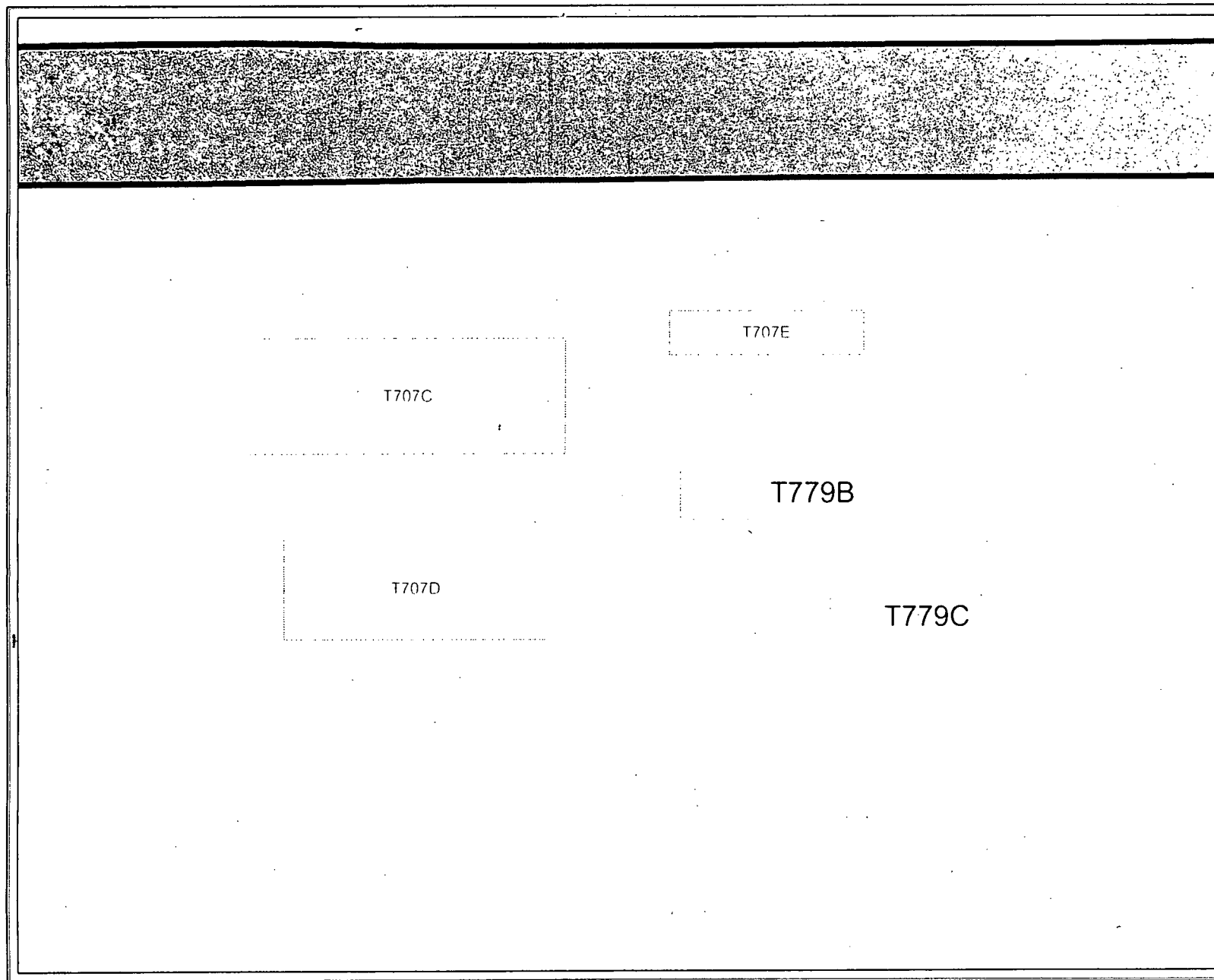
Emp#

**ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE****RADIOLOGICAL SAFETY**

Drawing Showing Survey Points

Swipe Loc#	Location/Description Results in dpm/100cm <sup>2</sup>	Removable	Direct
		$\alpha$	$\beta\gamma$
21	See Map	<10	<48
22		<10	<48
23		<10	<48
24		<10	<48
25		<10	<48
26		<10	<48
27		<10	<48
28		<10	<48
29		<10	<48
30		<10	<48
31		<10	<48
32		<10	<48
33		<10	<48
34		<10	<48
35		<10	<48
36		<10	<48
37		<10	<48
38		<10	<48
39	▼	<10	<48
40	See Map	<10	<48

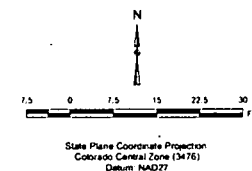
7



# Buildings T707C, D & E Location Map

## Standard Map Features

- Demolished Facility
- Remaining Facility
- Dirt Roads
- Railroad Removed
- Railroad Remaining
- Stream or Ditch
- Lakes and Ponds



U.S. Department of Energy  
Rocky Flats Environmental Technology Site

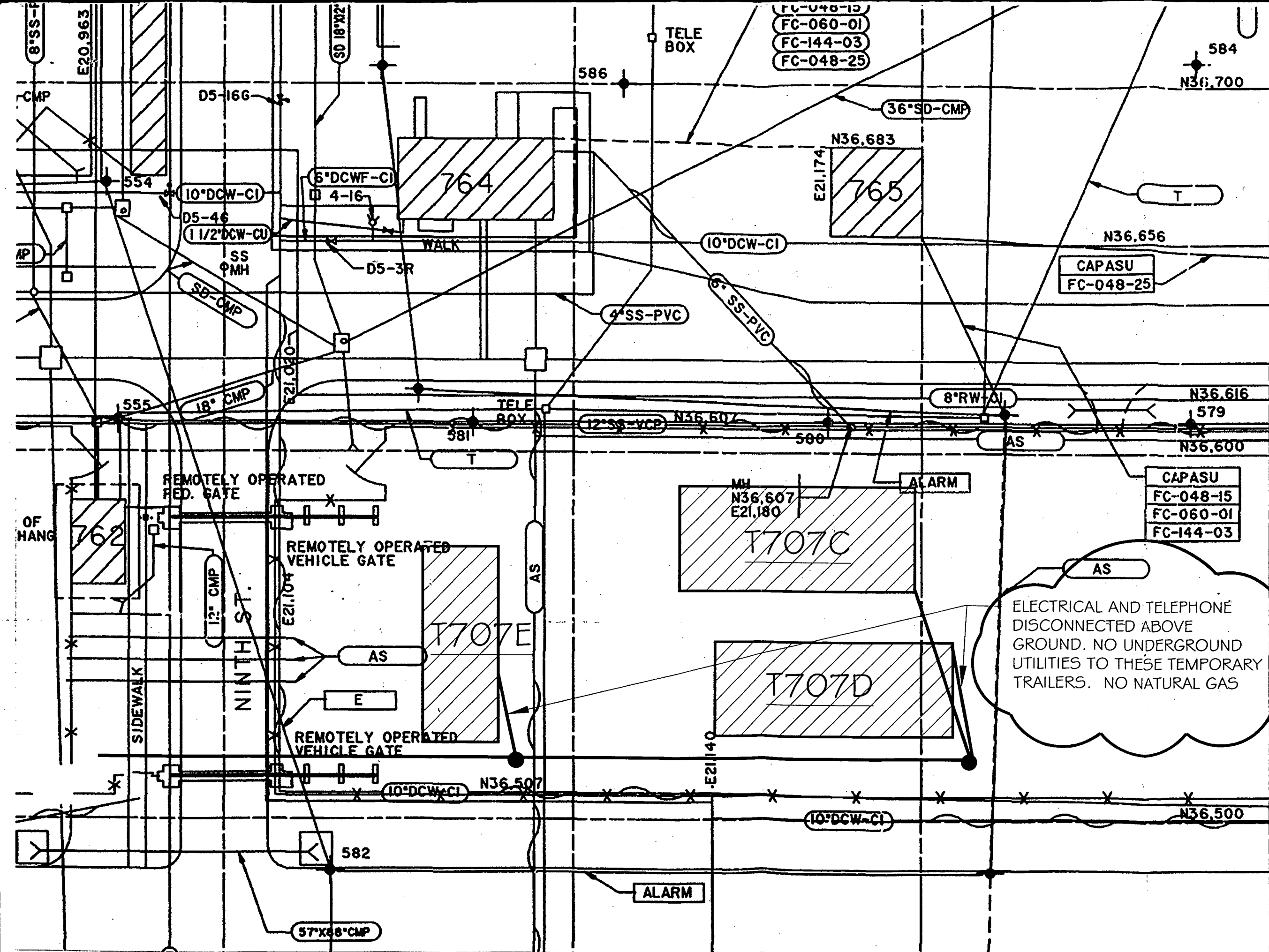
Prepared By:  
 CH2M-HILL  
GIS DEPT. (303) 966-7707

Prepared For:  
 KAISER-HILL  
CORP.

DATE: 8/8/2005

Path: \\nrc\proj\GIS\proj\map\T707C\_D & E\_Location\_Map.mxd





SEE ZONE D-6